

10533157 3/10/06

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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 21 IPC search and display fields enhanced in CA/CaPlus with the  
IPC reform  
NEWS 4 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 5 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 6 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 7 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 8 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 9 JAN 30 Saved answer limit increased  
NEWS 10 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA  
NEWS 11 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 12 FEB 22 Status of current WO (PCT) information on STN  
NEWS 13 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 14 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 15 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 16 FEB 28 MEDLINE/LMEDLINE reload improves functionality  
NEWS 17 FEB 28 TOXCENTER reloaded with enhancements  
NEWS 18 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral  
property data  
NEWS 19 MAR 01 INSPEC reloaded and enhanced  
NEWS 20 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 21 MAR 08 X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:45:46 ON 18 MAR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 18:46:04 ON 18 MAR 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 MAR 2006 HIGHEST RN 877201-63-3

DICTIONARY FILE UPDATES: 17 MAR 2006 HIGHEST RN 877201-63-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

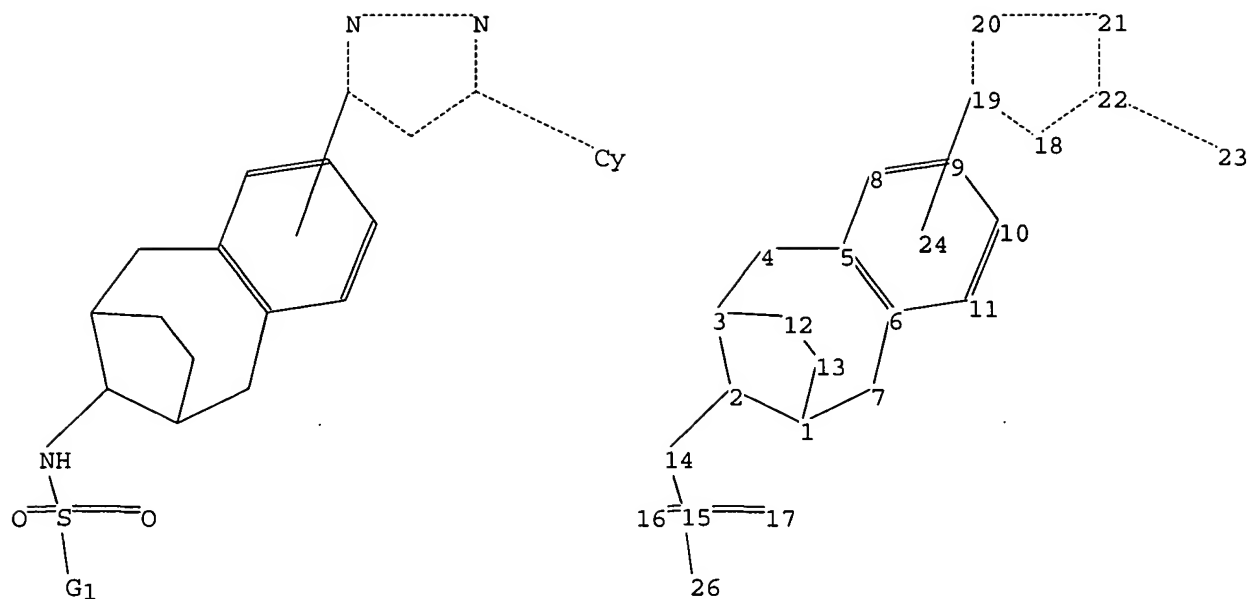
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10533157.str

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chain nodes :  
14 15 16 17 23 26  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11 12 13 18 19 20 21 22  
chain bonds :  
2-14 14-15 15-16 15-17 15-26 22-23  
ring bonds :  
1-2 1-7 1-13 2-3 3-4 3-12 4-5 5-6 5-8 6-7 6-11 8-9 9-10 10-11 12-13  
18-19 18-22 19-20 20-21 21-22  
exact/norm bonds :  
1-2 1-7 1-13 2-3 2-14 3-4 3-12 4-5 6-7 12-13 14-15 15-16 15-17 15-26  
18-19 18-22 19-20 20-21 21-22 22-23  
normalized bonds :  
5-6 5-8 6-11 8-9 9-10 10-11  
isolated ring systems :  
containing 18 :

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom  
20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS 26:CLASS

L1 STRUCTURE UPLOADED

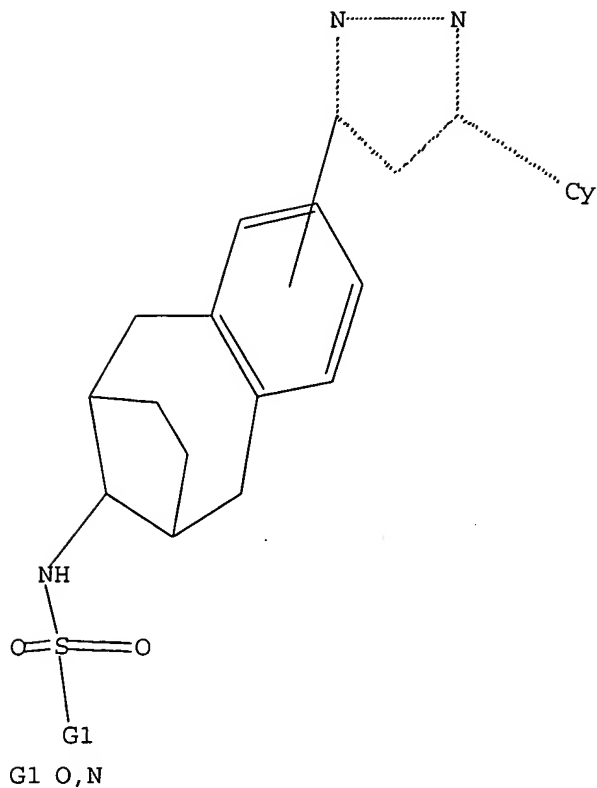
=> d

L1 HAS NO ANSWERS

L1 STR

Page 3 saeed

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Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 18:46:32 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 26 TO ITERATE

100.0% PROCESSED 26 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 215 TO 825  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 18:46:39 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 369 TO ITERATE

100.0% PROCESSED 369 ITERATIONS 9 ANSWERS  
SEARCH TIME: 00.00.01

L3 9 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL  
ENTRY SESSION

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FULL ESTIMATED COST

166.94

167.15

FILE 'CAPLUS' ENTERED AT 18:46:44 ON 18 MAR 2006  
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FILE COVERS 1907 - 18 Mar 2006 VOL 144 ISS 13  
FILE LAST UPDATED: 17 Mar 2006 (20060317/ED)

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=> s l3

L4 1 L3

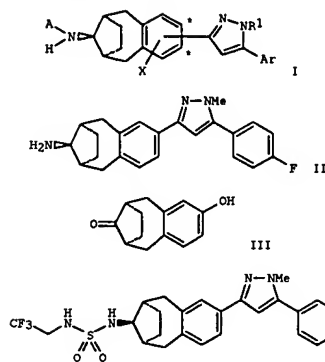
=> d ibib abs hitstr tot

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:387261 CAPLUS  
 DOCUMENT NUMBER: 140:406803  
 TITLE: Preparation of pyrazoles and related compounds as  $\gamma$ -secretase inhibitors for the treatment of Alzheimer's disease.  
 INVENTOR(S): Madin, Andrew; Ridgill, Mark Peter  
 PATENT ASSIGNEE(S): Merck Sharp & Dohme Limited, UK  
 SOURCE: PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004039370	A1	20040513	WO 2003-GB4707	20031029
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TH, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2503868	AA	20040513	CA 2003-2503868	20031029
AU 2003276435	A1	20040528	AU 2003-276435	20031029
EP 1560580	A1	20050810	EP 2003-809792	20031029
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006506390	T2	20060223	JP 2004-547808	20031029
PRIORITY APPLN. INFO.:			GB 2002-25474	A 20021101
			WO 2003-GB4707	W 20031029
OTHER SOURCE(S):		MARPAT 140:406803		
GI				

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



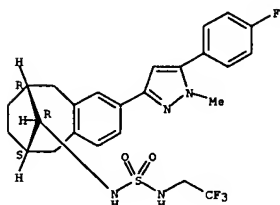
AB Title compds. I [the pyrazole group is attached at one of the asterisk positions (sic); A = R<sup>2</sup>-Y-SO<sub>2</sub>; X = H, OH, alkory, etc.; Y = bond, O, NR<sub>3</sub>; Ar = Ph, (un)substituted 6-membered heteroaryl e.g., halo, CHF<sub>2</sub>, CH<sub>2</sub>F, etc.; R<sup>1</sup> = (un)halo-substituted alkyl; R<sup>2</sup> = (un)halo-substituted alkyl, (un)substituted 5 or 6-membered heteroaryl, e.g., halo, CF<sub>3</sub>, CHF<sub>2</sub>, etc.; Y = NR<sub>3</sub>, R<sup>2</sup> and R<sup>3</sup> together may complete (un)substituted 6-membered heterocyclic ring with halogen substitution, e.g., CF<sub>3</sub>, CHF<sub>2</sub>, CH<sub>2</sub>F, etc.; R<sup>3</sup> = H, alkyl, or together with R<sup>2</sup> completes a heterocyclic ring] and their pharmaceutically acceptable salts were prepared. For example, trifluoroethylsulfamoylation of amine II, e.g., prepared from benzoannulene III in 6-steps, afforded pyrazole IV in 58% yield. Of note, pyrazoles I exhibited strong inhibition (sic) of the processing of  $\beta$ -amyloid precursor protein (APP) by the  $\gamma$ -secretase. Compds. I are claimed useful for the treatment of Alzheimer's disease.

IT 686343-92-OP 686343-94-2P 686343-95-3P  
 686343-96-4P 686343-98-6P 686344-05-8P  
 686344-06-9P 686344-07-OP  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of pyrazoles and related compds. as  $\gamma$ -secretase inhibitors for the treatment of Alzheimer's disease.)

RN 686343-92-0 CAPLUS  
 CN Sulfamide, N-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-N'-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

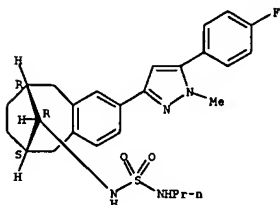
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



RN 686343-94-2 CAPLUS  
 CN Sulfamide, N-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-N'-propyl- (9CI) (CA INDEX NAME)

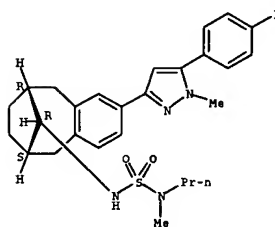
Absolute stereochemistry.



RN 686343-95-3 CAPLUS  
 CN Sulfamide, N'-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-N-methyl-N-propyl- (9CI) (CA INDEX NAME)

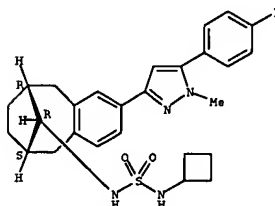
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 686343-96-4 CAPLUS  
 CN Sulfamide, N-cyclobutyl-N'-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-N'-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

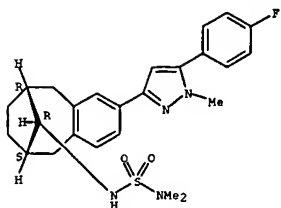


RN 686343-98-6 CAPLUS  
 CN Sulfamide, N'-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

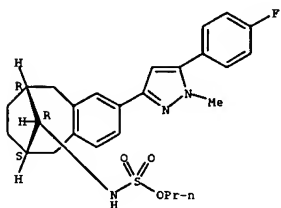
10533157 3/10/06

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 686344-05-8 CAPLUS  
CN Sulfamic acid, N-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-, propyl ester (9CI) (CA INDEX NAME)

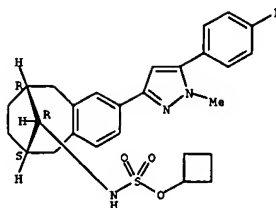
Absolute stereochemistry.



RN 686344-06-9 CAPLUS  
CN Sulfamic acid, N-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-, cyclobutyl ester (9CI) (CA INDEX NAME)

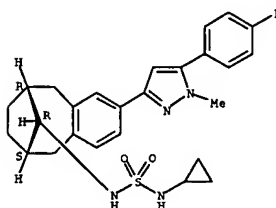
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 686344-07-0 CAPLUS  
CN Sulfamide, N-cyclopropyl-N'-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]- (9CI) (CA INDEX NAME)

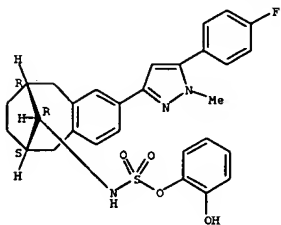
Absolute stereochemistry.



IT 686344-15-0P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of pyrazoles and related compds. as  $\gamma$ -secretase inhibitors for the treatment of Alzheimer's disease.)  
RN 686344-15-0 CAPLUS  
CN Sulfamic acid, N-[(6S,9R,11R)-2-[5-(4-fluorophenyl)-1-methyl-1H-pyrazol-3-yl]-5,6,7,8,9,10-hexahydro-6,9-methanobenzocycloocten-11-yl]-, 2-hydroxyphenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



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=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.57

172.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.75

-0.75

STN INTERNATIONAL LOGOFF AT 18:47:11 ON 18 MAR 2006